USDA United States Department of Agriculture | Forest Service | Northeastern Area State and Private Forestry | 180 Canfield Street Morgantown, WV 26505- 3101

File Code: 3460
Date: January 20, 2000

Mr. Steve Cinnamon
USDI National Park Service
Midwest Region
1709 Jackson Street
Omaha, NB 68102-2571

Dear Mr. Cinnamon:

A summary of the 1983-1999 gypsy moth trapping program at Hopewell Cultural National Historical Site is enclosed for your information (Table 1). A map showing trap locations is also enclosed (Figure 1). The purpose of the trapping program is to monitor low- level gypsy moth populations and help determine when more intensive survey methods should be employed.

A total of 20 male gypsy moths were trapped at Hopewell Cultural NHS in 1999. This is an increase of 17 more moths trapped than last year. Based on these results, gypsy moth populations will not have an impact on the forest resources at Hopewell Cultural NHS in the immediate future.

As the number of trapped moths increases, it becomes important that Hopewell Cultural NHS personnel look for other gypsy moth life stages such as larvae, pupae and/or egg masses while performing their normal duties. For a list of publications that can be helpful with the identification of these life stages, please visit our GM Digest web page at: http://fhpr8.srs.fs.fed.us/wv/gmdigest/gmdigest.html. – egads what an address

good idea

I have also enclosed information regarding the gypsy moth Slow the Spread project. The goal of the STS project is to decrease the rate of gypsy moth spread, and thus, delaying the damage and management costs associated with the infestation of new areas. The STS trapping program deploys traps in the area around Hopewell Cultural NHS (Figure 2). The 1999 trapping results from the STS program shows that there has been an increase in male gypsy moth catches across the state of Ohio (Figure 3 and 4). More information about STS can be found at the following web page: http://www.ento.vt.edu/sts/. If you have any questions regarding the STS program, feel free to contact John Omer, STS Coordinator, Morgantown Field Office, USDA Forest Service at (304) 285-1554 or (304) 276-8873.

We would like to continue the trapping program at the same intensity in 2000. Thank you for your continued cooperation and if you have any questions regarding these results, please call me at (304) 285-1556 or (301) 509-6633.

nice job on the attachments.

Sincerely,

Karen D Felton

KAREN D. FELTON
Biologist
Forest Health Protection

Enclosures

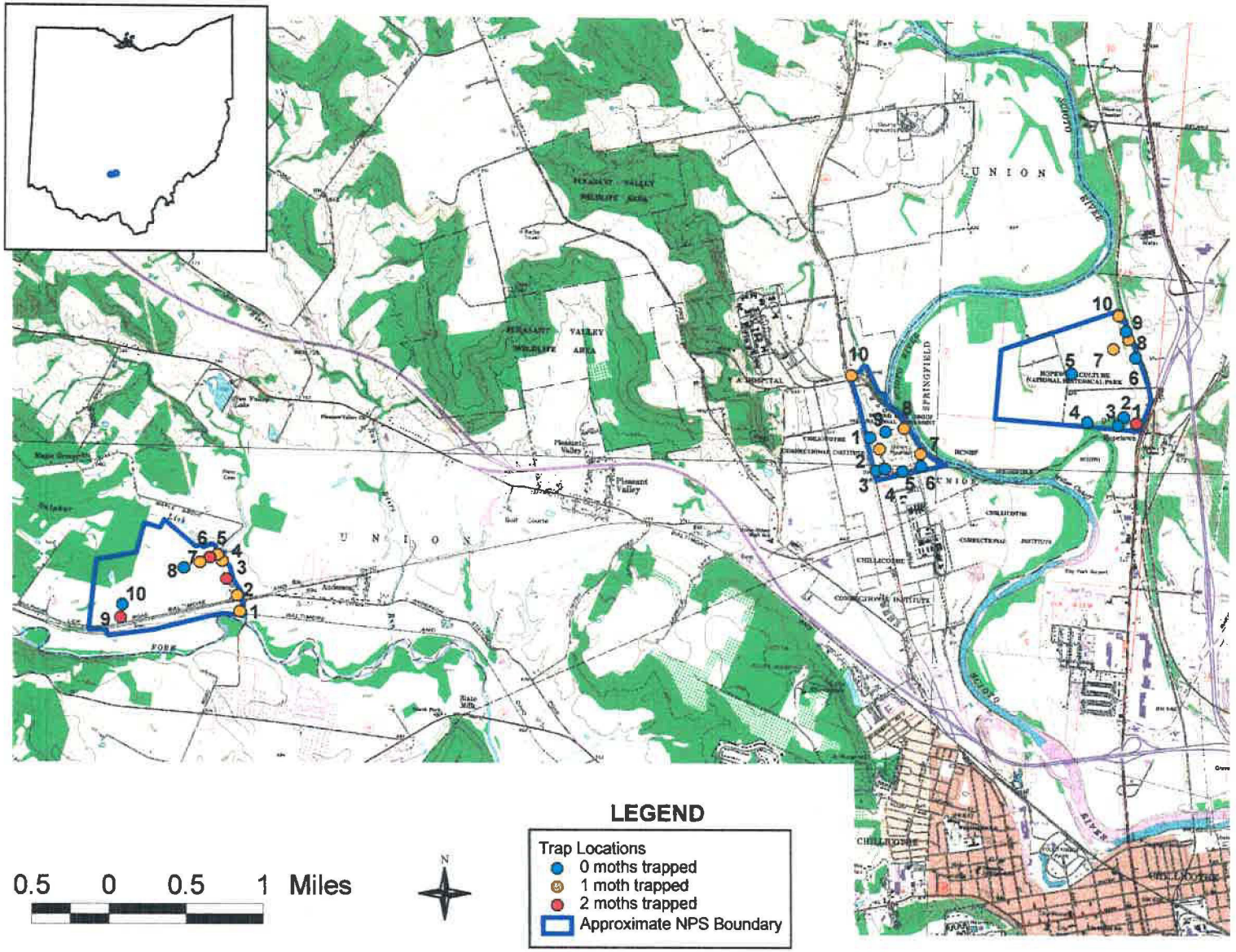
cc: AO
Alison Marcum, OHDA
Wayne Rose, Park Ranger, Hopewell Cultural NHS

KDF/blm

Table 1. -- Summary of the 1983-1999 gypsy moth trapping program at Hopewell Cultural National Historical Site, Midwest Region.

Hopewell Cultural National Historical Site (Rose County, OH)			
Year	Number of traps	Total moths caught	Positive catch trap number
1983	5	0	--
1984	5	0	--
1985	5	1	5
1986	5	0	--
1987	5	0	--
1988	6	0	--
1989	6	0	--
1990	6	0	--
1991	6	0	--
1992	10	0	--
1993	7	1	5
1994	7	0	--
1995	10	0	--
1996	10	1	9
1997	30	0	--
1998	30	3	1-B, 4-B 5-B Hopewell Mound Group
1999	30	20	MC2, MC7, MC8, MC10, MG1-MG7, MG9, EW1, EW7, EW8, EW10

Figure 1. 1999 Gypsy Moth Trapping Results at Hopewell Culture National Historical Park.



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1/00 KDF

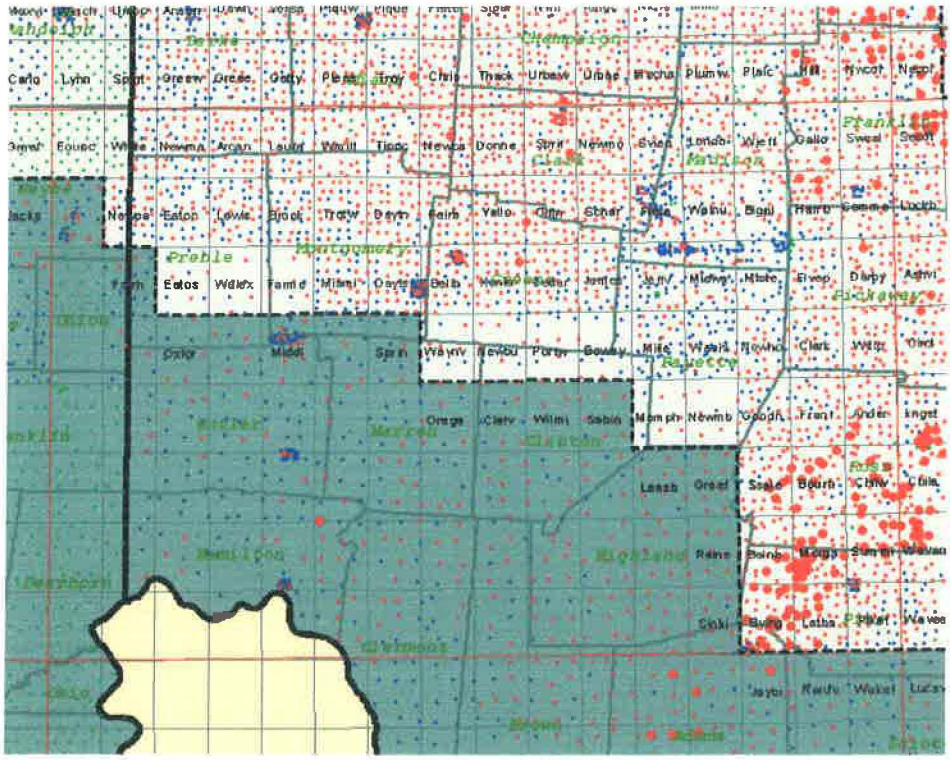


Figure 2.
1999 Gypsy Moth Slow The Spread Trapping Activities as of 5pm 10/02/99

- Action Area
- Monitoring Area
- BT
- DIM
- NPV
- PF
- Positive Catch
- Zero Catch
- Placed, Not Yet Checked

Virginia Gypsy Moth
Information Systems Lab
Virginia Tech
Blacksburg, VA

http://www.ento.vt.edu/STS/

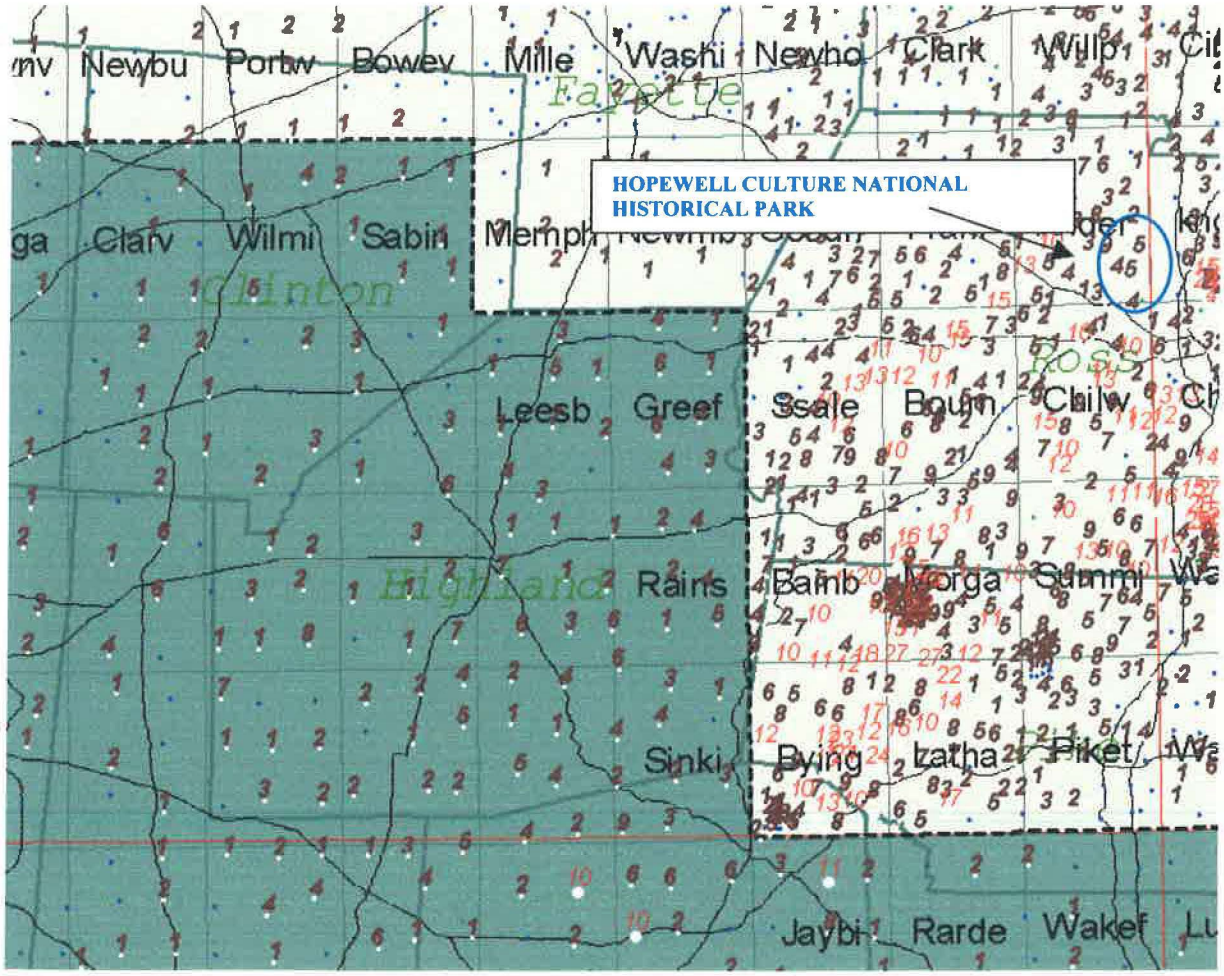
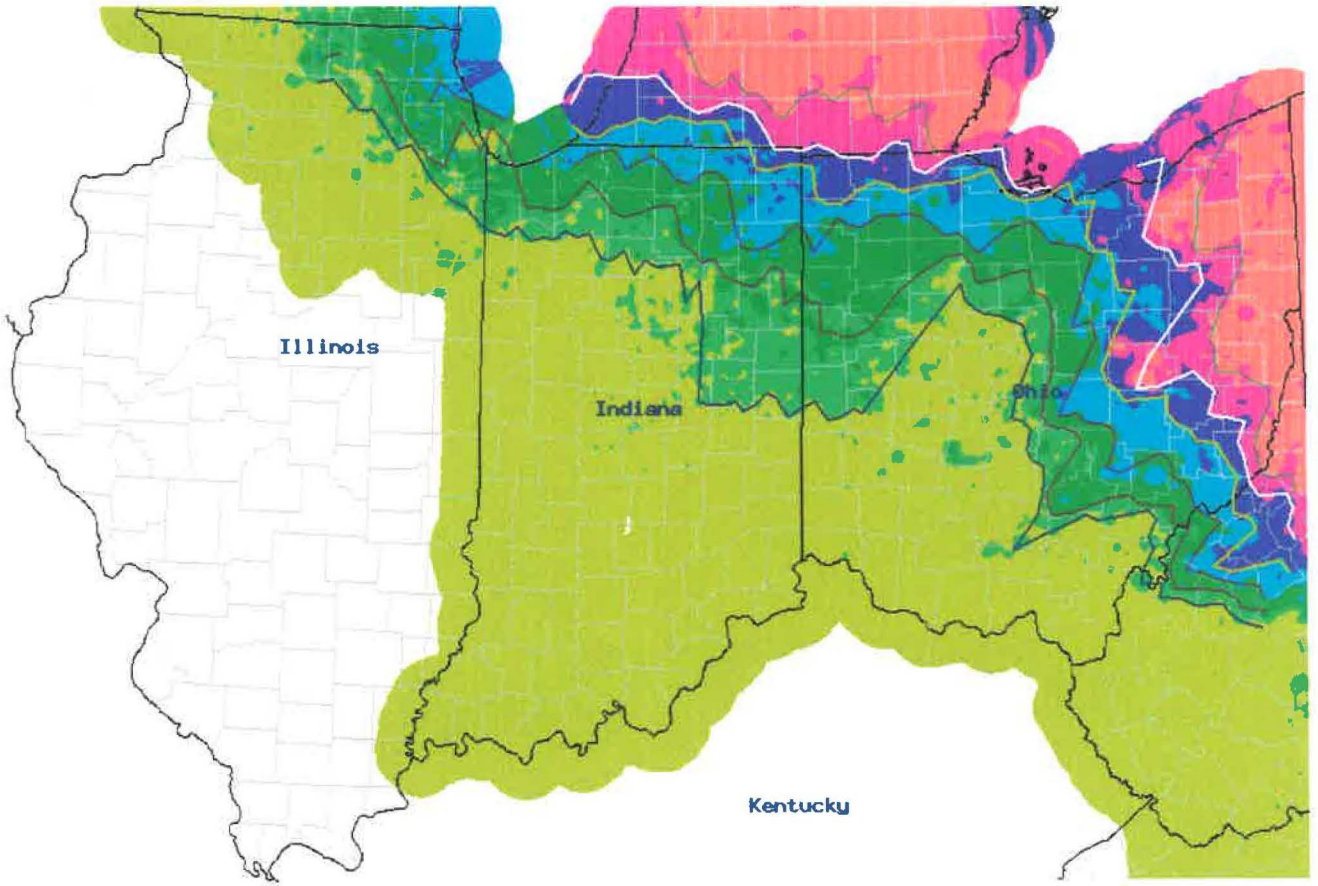


Figure 3.
1998 Gypsy Moth Slow The Spread Trapping Activities Showing the Gypsy Moth Distribution in Ohio, Indiana, and Illinois



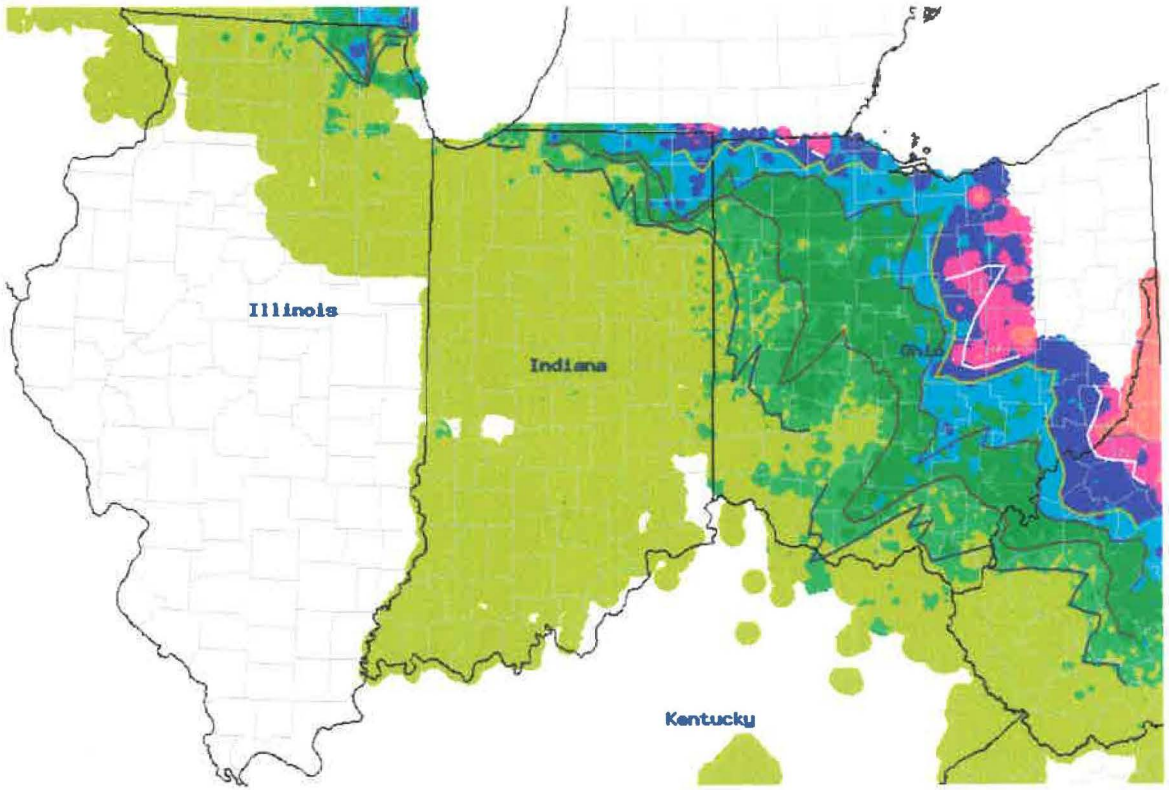
LEGEND

Moth counts in traps
- <1
- 1-3
- 3-10
- 10-30
- 30-100
- 100-300
- ≥300

Population boundaries
- 1-moth line
- 3-moth line
- 10-moth line
- 30-moth line
- 100-moth line
- 300-moth line

Source:
Virginia Gypsy Moth
Information Systems Lab
Virginia Tech
Blacksburg, VA
http://www.ento.vt.edu/STS/

Figure 4.
1999 Gypsy Moth Slow The Spread Trapping Activities Showing the Gypsy Moth Distribution in Ohio, Indiana, and Illinois.



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